

Congleton Rural District Council.

REPORT OF MEDICAL OFFICER OF HEALTH FOR THE YEAR 1910.

Mr. Chairman and Gentlemen,

I beg to present my Report for the year 1910.

Medical Officer of Health	...	...	...	...	...	...	Dr. C. H. W. Bennett.
Population at Census, 1891	...	...	...	...	...	...	12,505
Population at Census, 1901	...	...	...	...	...	...	12,220
Area in Acres	...	...	...	...	...	...	40,155
Birthrate per 1,000	...	...	...	...	...	...	24.87
Deathrate per 1,000	...	...	...	...	...	...	12.6
Births registered in 1910	...	...	...	...	...	...	304
Deaths registered in 1910	...	...	...	...	...	...	169
Deaths registered in 1910, excluding Non-residents	...	...	...	...	...	...	154
Deaths under one year per 1,000 Births	...	...	...	...	...	...	98.6
Death-rate from seven principal Zymotic Diseases...	...	...	...	...	...	...	1.8

The whole District is divided into three Sub-districts, they are as follows :—

SANDBACH, having an area of 17,857 acres, and a population of 8,193, includes Smallwood, Odd Rode, Church Lawton, Hassall, Betchton, Wheelock, Arclid, Bradwall, Tetton, Moston and Elton.

CHURCH HULME, having a population of 2,916, and an area of 14,912 acres, includes Goostrey-cum-Barnshaw, Blackden, Twemlow, Cranage, Leese, Church Hulme, Swettenham, Kermincham, Brereton-cum-Smethwick and Davenport.

CONGLETON, having a population of 1,111, and an area of 7,886 acres, includes Somerford, Somerford Booths, Hulme Walfield, Newbold Astbury and Moreton-cum-Alcumlow.

Birth-rates for the Districts are :—Sandbach, 37.1 ; Church Hulme, 21.9 ; Congleton, 13.5.

Death-rates for the Districts are :—Sandbach, 13.5 ; Church Hulme, 9.6 ; Congleton, 12.6.

Infant Mortality.—Thirty children have died this year under the age of one year, this works out at an Infant Mortality of 98.6 per 1,000 births, this is higher than last year when the rate was 64.

Zymotic Disease.—17 persons have died from Zymotic Disease .—

7 from Whooping Cough, all in the Sandbach District.

2 from Diphtheria in the Sandbach District.

6 from Measles in the Sandbach District.

2 from Diarrhoea in the Sandbach District.

Scarletina.—54 cases were notified : 42 in the Sandbach District, 10 in the Church Hulme District, and 2 in the Congleton District.

In the different Townships 2 occurred at Mow Cop, 5 at Lawton, 4 at Somerford, 4 in Warrington Parish, 3 at Twemlow, 17 at Elworth, 2 at Astbury, 3 at Scholar Green, 2 at Cranage, 1 at Wheelock, 1 at Holmes Chapel, 5 at Bradwall, 2 at Rode Heath, 2 at Malkin's Bank, and 1 at Hassall.

At Elworth and District where the majority occurred in April and May, a child was found in the school in the peeling stage and was probably the cause of several of the cases if not all.

Diphtheria.—61 cases reported : 54 in the Sandbach District, 6 in the Holmes Chapel District, and 1 in the Congleton District.

In the separate Townships 6 at Mow Cop, 1 at Lawton, 2 at Somerford, 4 at Elworth, 1 at Astbury, 17 at Scholar Green, 2 at Cranage, 2 at Wheelock, 2 at Goostrey, and 23 at Rode Heath.

In the middle of August a case was notified to me of a child in a canal boat. This child was promptly removed to the Hospital, but the brothers and sisters of this child were attending Rode Heath schools at the time, and the parents having their home at Rode Heath, and I believe infected several children at that school as several cases occurred amongst the scholars. The Medical Officer for the school closed it for six weeks, but cases from the neighbourhood were reported for 3 months afterwards. I am thankful to say the epidemic was only of a mild type and has now ceased. I myself disinfected the boat. The Sanitary Inspector disinfected the boat as well, but a canal boat is a very difficult place to disinfect and however well cleansed it is always a cause for anxiety. One more case occurred on this boat in about a month but no more since.

Typhoid Fever.—One case occurred at Thurlwood, every care was taken in destroying the dejecta, and no other case broke out in spite of the drainage in this district being so inadequate.

Disinfection.—The Inspector has carried out the disinfection of every house where a case of infectious disease has occurred. The method adopted is Formalin Vapour and afterwards plenty of soap and water and open windows.

Puerperal Fever.—No case was reported in the District.

Measles.—This has been very prevalent in the District causing six deaths. I should like to urge the attention of mothers to this complaint so that they should consider it a more serious complaint than they do now and requiring skilful nursing.

Anthrax.—There were 8 cases of Anthrax in cattle : 2 at Astbury, 1 at Smallwood, 1 at Holmes Chapel, 1 at Smethwick, 1 at Blackden, 1 at Leese.

Erysipelas.—7 cases were reported in the District.

Water Supply.—The District is very well supplied with water, the supply at Rode Heath and Thurlwood is much appreciated, and in about a month or less the scheme at Holmes Chapel will be completed and that Village will be much benefitted. Mow Cop and Mount Pleasant I hope will soon be able to obtain a Water Supply, and Church Lawton has had their water supply extended.

Sewage.—I must again draw the attention of the Council to Thurlwood, this wants a Drainage Scheme.

Elworth is well drained and the scheme for improving the Outfall Works will do away with the nuisance that has been complained of.

The Irrigation Grounds at Mow Cop and Mount Pleasant I have inspected and found very satisfactory, no nuisance. Mow Bank and Brake Village require sewerage.

Isolation Hospital.—The Hospital at West Heath has been of great use and I am sure has helped to prevent the spread of infection as well as to cure some very bad cases, the skilled nursing and good air they get are very different to what the children can get in some of their small houses in this District. We have had no return cases which speaks very well of the staff, showing the care taken not to send home a case that is still infectious.

Smallpox Hospital.—This Hospital has not been used this year, but it has been kept ready to take in a case at any time. The caretaker is very efficient and looks after the place well. I have been well satisfied at each inspection.

Cowsheds and Dairies Act.—84 Milk Sellers are on the register. These premises have been inspected from time to time and all complaints made have been remedied. There are no cows kept in the District which are entirely confined to shippens.

Factory and Workshop Act.—These different buildings have been inspected regularly throughout the District and have been found clean and in good order and conducive to health.

Tuberculosis Act.—The Council have not adopted Compulsory Notification, but each house is disinfected by the Inspector after a death and the Council pays for the examination of sputum from a person suspected of Tubercle.

Pollution of Rivers.—There have been no complaints on this matter. The Chemical Works at Malkin's Bank allow some effluent from their works into the brook above Wheelock, but it causes no nuisance except to the fish. Sometimes we get an effluent from the Collieries near Linley, this causes no nuisance either.

Wholesomeness of Food.—The food sold in the District is of good quality. The meat killed is frequently inspected by myself or the Inspector. No samples have been analysed or suspected of being inferior and unfit for human consumption.

Privy and Water Closets.—There are very few Water Closets in the District, Privies being mostly in use also Pails.

Housing and Town Planning Act.—We have been very short of accommodation at Elworth for the last few years owing to the increase of the Motor Wagon Works belonging to Messrs. Foden Limited, but several houses of a nice type have been erected and more are still contemplated in other parts of the District. The accommodation is good.

Midwives' Act.—This act has caused a wonderful improvement in the methods of the divers old Ladies who used to act at the birth of a child. They now take an intelligent interest in keeping the patient clean and the effect is that for the last two years we have had no case of Puerperal Fever. I am sorry to say I have now no registered Midwife at Smallwood or Mount Pleasant and Mow Cop. Midwives from other parts of the District have to come. I should like to see a trained Midwife in every Parish or group of Parishes where the Parishes were not very extensive, this no doubt will come to pass in time.

Inspector's Report.—The Inspector reports that he has regularly inspected the whole of the Districts and every Quarter read the Water Meters, he has reported 275 cases to the Council, made 3,444 visits, received and answered 593 letters, attended to 250 cases and nuisances, visited and inspected every case of Infectious Disease the same day it was notified and if the patient was removed to the Isolation

Hospital, disinfected the house, and those patients who were not removed he inspected the premises and called frequently to see that his directions were carried out and when pronounced free from infection disinfected the premises thoroughly.

The Inspector reports that the contractors for the removal of excreta are doing their work satisfactorily. Very few complaints this year.

Lodging Houses.—These have been inspected and have been found in good order and clean.

Bakehouses.—These are all well kept, none underground, and when inspected have always been satisfactory.

Slaughter Houses.--These have been inspected frequently, no diseased meat has been found dressed ready for sale, visits being made at all times and without notice to occupier. They have been found clean and well drained.

Canal Boats.—67 have been inspected during the year and the conditions found were good. Three boats required painting, this was done. Two cases of infection on board, these cases were removed immediately to the Isolation Hospital.

C. H. Wentworth-Bennett,

M.O.H. Congleton Rural District.

CONGLETON RURAL DISTRICT.

IV.

Causes of, and Ages at, Death during Year 1910.

CAUSES OF DEATH.	DEATHS AT SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING IN OR BEYOND THE DISTRICT.							DEATHS AT ALL AGES OF "RESIDENTS" BELONGING TO LOCALITIES, WHETHER OCCURRING IN OR BEYOND THE DISTRICT.			TOTAL DEATHS WHETHER OF RESI- DENTS OR NON-RES- IDENTS IN PUBLIC INSTITU- TIONS IN THE DISTRICT
	All ages.	Under 1	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and up- wards	Holmes Chapel District.	Congleton Sub-District.	Sandbach District.	
Small-pox											
Measles	6	3	2	1	.....	.....	.....	.....	.....	6	
Scarlet Fever											
Whooping Cough	7	4	3	.....	.....	.....	.....	.....	.....	7	
Diphtheria (including Membranous Croup) ..	2	.....	.....	2	.....	.....	.....	.....	.....	2	
Croup											
Fever { Typhus											
Enteric											
Other continued											
Epidemic Influenza											
Cholera											
Plague											
Diarrhœa	2	1	1	.....	.....	.....	.....	.....	.....	2	
Enteritis											
Gastritis											
Puerperal Fever											
Erysipelas											
Phthisis	7	.....	.....	1	1	5	.....	1	3	3	
Other Tuberculous Diseases	6	1	1	2	1	1	.....	2	2	2	
Cancer, Malignant Disease	11	.....	.....	.....	.....	8	3	3	1	7	
Bronchitis	7	.....	.....	1	.....	2	4	1	.....	6	
Pneumonia	15	5	4	.....	1	2	3	3	2	10	
Pleurisy ... ..	.....	.....	.....	.....	.....	.....	1	1			
Other Diseases of Respiratory Organs ..											
Alcoholism											
Cirrhosis of Liver }	2	.....	.....	.....	.....	1	1	.....	.....	2	
Venereal Diseases											
Premature Birth	3	3	.....	.....	.....	.....	.....	.....	.....	3	
Diseases and Accidents of Parturition ...	2	.....	.....	.....	1	1	.....	2	.....	.....
Heart Diseases	19	2	...	.....	.....	9	8	1	1	17	
Accidents	5	.....	.....	2	.....	1	2	2	.....	3	
Suicides	2	.....	.....	.....	1	1	.....	.....	.....	2	
All other causes	57	11	1	.....	2	16	27	13	5	39	
All causes	154	30	12	9	7	47	49	29	14	111	

CONGLETON RURAL DISTRICT.

INFANTILE MORTALITY DURING THE YEAR 1910.

Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.		Under 1 week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
All Causes	Certified	4	1	1	1	7	3	5	3	..	1	5	..	..	..	2	4	30
	Uncertified	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
i. Common Infectious Diseases.	Small-pox ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	3
	Chicken-pox ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Measles ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Scarlet Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ii. Diarrhoeal Diseases.	Diphtheria including Croup ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Whooping Cough ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diarrhoea, all forms ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
iii. Wasting Diseases.	Enteritis, Muco-Enteritis, Gastro-Enteritis, Gastritis, Gastro-intestinal Catarrh ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Premature Birth ..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Congenital Defects ..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
iv. Tuberculous Diseases.	Injury at Birth ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Want of Breast-milk, Starvation ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Atrophy, Debility, Marasmus ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
v. Other Causes.	Tuberculous Meningitis ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Tuberculous Peritonitis ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Tabes Mesenterica ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
vi. Other Causes.	Other Tuberculous Diseases ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Erysipelas ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Syphilis ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
vii. Other Causes.	Rickets ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Meningitis (not Tuberculous) ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Convulsions ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
viii. Other Causes.	Bronchitis ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Laryngitis ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Pneumonia ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ix. Other Causes.	Suffocation, overlying ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Other causes ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

		4	1	1	1	7	3	5	3	..	1	5	..	..	..	2	4	30

Congleton Rural District.

Population estimated to middle of 1910, 12,220.

Births in the year, legitimate 304.

Deaths in the year of legitimate infants 30.

Congleton Rural District.

Vital Statistics of whole District during 1910 and previous Years.

Year.	Population estimated to middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District	Deaths of Non-Residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District	Nett Deaths at all Ages belonging to the District.	
		Number.	Rate.*	Under 1 Year of age.		At all Ages.					Number	Rate.*
				Number	Rate per 1,000 Births registered	Number.	Rate.*					
1	2	3	4	5	6	7	8	9	10	11	12	13
1900	12220	354	28.9	29	81.9	187	15.3	23	17		170	13
1901		318	26	32	100.6	199	16.2	17	16		183	14.9
1902		319	26.1	32	100.3	172	14.0	22	16		156	12.7
1903		335	27.4	37	110.4	200	16.3	35	28		167	13.6
1904		333	27.2	32	109.3	189	15.3	28	18		169	13.8
1905		344	28.1	27	78.4	159	13.0	31	19	5	145	11.8
1906		332	27.1	29	87.3	188	15.3	33	15		173	14.1
1907		353	28.8	27	76.4	184	15.0	36	23	1	162	13.2
1908		292	23.9	21	71.9	154	12.6	31	21	5	138	11.2
1909		328	26.8	21	64	188	15.3	23	24	2	164	13.4
Average for years 1900-1909.		330.8	27	28.5	88.0	181.8	14.8	28.9	19.5	1.3	162.7	13.17
1910		304	24.87	30	98.6	169	13.83	27	18	3	154	12.6

* Rates in Columns 4 and 8 should be calculated per 1,000 of the estimated gross population.

Area of District in Acres (exclusive of area covered by water.) } 40,155.

Total population at all ages, 12220
Number of inhabited houses, 2,460
Average number of persons per house, 4.9

} At Census of 1901.

CONGLETON RURAL DISTRICT.

Cases of Infectious Disease notified during the Year 1910.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.						TOTAL CASES NOTIFIED IN EACH LOCALITY.			No. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY.			Total Cases removed to Hospital
	At ALL AGES.	Years.					Sandbach District.	Church Hulme District	Congleton Sub-District.	Sandbach District.	Church Hulme District.	Congleton Sub-District.	
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65								65 and upwards
Small-pox ...		...	...	...	...	...	54	6	1	27	2		29
Cholera ...		...	...	...	...	...	6	1					
Diphtheria (including Membranous Croup...	61	...	...	...	...	...	42	10	2	18	2		20
Erysipelas ...	7	...	...	...	...	...		
Scarlet Fever ...	54	...	...	...	...	...		
Typhus Fever ...		...	...	...	...	...	
Enteric Fever ...	1	...	...	...	...	...	1						
Relapsing Fever...		...	...	...	...	...		
Continued Fever		...	...	...	...	...		
Puerperal Fever...		...	...	...	...	...		
Plague ...		...	...	...	...	...	
Totals ...	123						103	17	3	45	4		49

Isolation Hospital... Situation { West Heath, Congleton and Arclid. Total available beds, 46. Number of Diseases that can be concurrently treated, 4.

CONGLETON RURAL DISTRICT.

Vital Statistics of separate Localities in 1910 and previous years.

NAMES OF LOCALITIES	CONGLETON RURAL DISTRICT.				SANDBACH SUB-DISTRICT.				CHURCH HULME SUB-DISTRICT				CONGLETON SUB-DISTRICT.			
	Population esti- mated to middle of each year.	Births regis- tered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births regis- tered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births regis- tered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births regis- tered.	Deaths at all Ages.	Deaths under 1 year.
YEAR.	a.	b.	c.	d.	a.	b.	c.	d.	a.	b.	c.	d.	a.	b.	c.	d.
1900	12220	354	170	29	8193	238	118	23	2916	68	38	4	1111	48	14	2
1901		318	183	32		234	128	26		63	40	5		21	14	1
1902		319	156	32		236	105	28		61	28	4		22	17	0
1903		335	167	37		245	123	30		61	30	6		29	14	1
1904		338	169	32		235	107	22		69	41	5		29	21	5
1905		344	145	27		241	102	21		71	31	5		32	12	1
1906		332	173	29		253	128	21		59	28	5		20	17	3
1907		353	162	27		255	119	23		67	28	3		21	15	1
1908		292	138	21		201	100	18		67	29	2		24	9	1
1909		328	164	21		236	98	16		67	50	4		25	16	1
Averages of Years 1900 to 1909.		330.8	162.7	28.7		238.4	112.8	22.8		65.3	34.3	4.3		27.1	14.9	1.6
1910	12220	304	154	30	8193	225	111	22	2916	64	29	6	1111	15	14	2

*ANNUAL REPORT of the Medical Officer of Health, for the Year 1910, for
the RURAL DISTRICT OF CONGLETON, on the administration of
the Factory and Workshop Acts, 1901, in connection with*

Factories, Workshops, Workplaces and Homework.

1.--INSPECTION.

PREMISES.	NUMBER OF		
	INSPECTIONS.	WRITTEN NOTICES.	PROSECUTIONS.
Factories (including Factory Laundries)	4		
Workshops (including Workshop Laundries)	93	6	
Workplaces (other than Outworkers' Premises)	29		
Total	126	6	Nil.

2.--DEFECTS FOUND.

PARTICULARS.	NUMBER OF DEFECTS.			NUMBER OF PROSECUTIONS.
	FOUND.	REMEDIED	REFERRED TO H.M. INSPECTOR	
<i>Nuisances under the Public Health Acts :—</i>				
Want of Cleanliness	6	6		
Want of Ventilation				
Overcrowding				
Want of Drainage of Floors				
Other Nuisances				
Sanitary accommodation { Insufficient				
{ Unsuitable or Defective... ..				
{ Not separate for Sexes				
<i>Offences under the Factory and Workshop Act :</i>	Nil.			
Illegal Occupation of Underground Bakehouse				
Breach of special Sanitary Requirements for Bakehouses				
Other Offences				
Total	6	6		

3.--HOMEWORK.

Nil.

4.--REGISTERED WORKSHOPS.

Workshops on the Register at the end of the year.											Number.
Important classes of work shops, such as Workshop Bakehouses, may be enu- merated here.	Workshops	...	...	...	...	...	...	...	...	...	56
	Workplaces, Brickyards, &c.	...	...	...	...	...	...	...	...	...	10
	Bakehouses	...	...	...	...	...	...	...	...	...	9
	Factories	...	...	...	...	...	...	...	...	...	2
Total number of Workshops on Register											77

(Signature) C. H. WENTWORTH-BENNETT,

Medical Officer of Health.

January 20th, 1911.

Cheshire County Council.

Tabular Summary of Sanitary Work during 1910.

Name of District : CONGLETON RURAL DISTRICT.

I. ADOPTIVE ACTS.

Are the following in force in your District ?

1. Infectious Diseases Prevention Act. Yes.
2. Notification of Births Act. No.
3. Public Health Acts (Amendment) Act, 1907. No.
Sections in force. —
4. Other Adoptive Acts. None.

II. BYE-LAWS.

Are Bye-laws in force relating to—

1. New Streets and Buildings. Yes.
2. Common Lodging Houses. Yes.
3. Slaughterhouses. Yes.
4. Houses let in Lodgings. Yes.
5. Cleansing and Scavenging. Yes.
6. Offensive Trades. Yes.
7. Tents, Vans, Sheds, &c. Yes.
8. Other matters.

Were any new Bye-Laws adopted during 1910 ? No.

III. WATER SUPPLY.

1. From what source derived ? Sandbach Water Works, Mow Cop, Staffordshire Potteries Water Co., and Middlewich Water Works.
2. Are any, and if so what, parts of your District still without a proper supply ? Yes, part of Mow Cop and Moston.
3. Any complaints as to action on lead ? No.
4. Number of Samples analysed during 1910. 12.
5. Further developments required. Mow Cop.

IV. SEWERAGE.

1. Specify any works carried out during 1910. Two hundred and ten yards of new 9 inch Sewer in New Street in Elworth.
2. Are any, and if so what, parts of your District still without a proper system of Sewers ? Mow Bank and Thurlwood.

V. SEWAGE DISPOSAL.

1. On what system is sewage treated ? Septic Tanks, Bacteria Beds, and Land Filtration.
2. Have there been any complaints during 1910 as to the Outfall Works ? No.
3. Any special action taken during 1910 ? No.

VI. SCAVENGING.

1. By whom is this carried out ? Contractors.
2. With what frequency are the following scavenged ?
 - (a) Midden-privies. Once a fortnight.
 - (b) Dry Ashpits. Every week.
 - (c) Pail Closets. „ „
 - (d) Dust Bins. „ „
 - (e) Cesspools. Cleaned out by occupier.
3. Is the present system in your opinion inadequate in any respect ? No.

VII. DAIRIES, COWSHEDS AND MILKSHOPS.

1. Number of premises on Register at close of 1910 :—
Dairies, 6 ; Cowsheds, 78 ; Milkshops, Nil.
2. Number of inspections of these made during 1910. 103.
3. Number of instances where notice has been served for defects. 3.
4. Number of instances where legal proceedings have been taken and results of same. Nil.
5. Are regulations in force in the District under the Dairies, Cowsheds and Milkshops Order ?
Yes.

VIII. DWELLINGS.

1. Number of new Houses built during 1910. 21.
2. Action taken in respect of overcrowding. Notices served.
3. Action taken under Housing of the Working Classes Acts. None.
4. Action taken under Housing (Inspection of District) Regulations, 1910. None.

IX. PREVENTION OF CONSUMPTION.

1. Any system of notification ? No.
2. Any Sanitary Inspection of patients' houses ? Yes, when known.
3. Any disinfection of ditto ? Yes.
4. Any distribution of advice ? Yes.
5. Any action re spitting ? No.

(Signed)

C. H. Wentworth-Bennett.

January 20th, 1911.

